



August
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QRM

Newsletter of the Tasmanian Division
of the
Wireless Institute of Australia

(Insert in 'A.R.')

ISSUE No. 2.

We hope you retained your last issue for reference purposes, as it is impossible to repeat all the Divisional information each month.

This month's Divisional meetings.

Northern Branch: 14th. August - Segment on "Amateur Satellite Communications".

Northwestern Branch: 11th. August.

Southern Branch: 5th. August - Segment on "Broadcast Relaying on 80 metres".

Broadcast Officers.

The roster for participants in the weekly broadcasts cannot be completed until all those who are prepared to offer their support have returned details to their appropriate broadcast officer. We would be pleased to know a) who is able to help, b) in what capacity they are able to help, and when they are able to help. Once this information is forthcoming, all the blank spaces can be filled in on the chart. Then the chart will be photocopied and one sent to all those who are included. Obviously, the more amateurs offer to support, the less often any particular duty will come around.

Satellite Report.

RS10 and 11 are now available to amateurs who have access to either H.F. or 2m. rigs. Operating frequencies are: Mode K uses 15m up and 10m down. Mode T uses 15m up and 2m down. Mode A (which is similar to the previous RS Satellites) uses 2m up and 10m down. Combination modes are KT which uses 15m up, and 10 & 2m down; KA uses 15 and 2m up and 10m down. 21.160 up to 21.200, 40KHz pass-band is Mode K. Down link frequencies are 29.36 to 29.40 - these are for RS10. Mode T uses the same 21MHz frequencies up, and the downlink frequencies 145.86 MHz to 145.90 MHz. There is a beacon with telemetry on 29.357 or when the 2m mode is on, 145.857 MHz. There is also a robot on 29.403 MHz and if they use 2m transmit, 145.903 MHz. All these frequencies are for RS10 and RS11 is 50KHz higher. Period of orbit is about 105 minutes and if you hear the signals on one day, they'll arrive about 30 minutes later the next day. VK7PF wants to know of anyone who is operating through RS10 and 11, and hopes the items in the broadcast will get people listening and getting a feeling for satellite working. ONE watt into a crossed 5-element Yagi at maximum range will get you a signal back.

6metre and 2 metre beacons.

While carrying out minor maintenance on the VK7RST 6m beacon in mid-July, Alan VK7ZAR and Steve VK7ZST also installed antennas, mast and feeder for the 2m beacon. Further work is now being done and it's hoped to be on the air later this year. W.A.G.S. is due special thanks for financial help in both these projects.

Remembrance Day Contest.

This year's Contest will be held from 08.00 on 15th. August to 07.59 on 16th. August. 10 valid contacts are all that's needed for an entry. It is hoped to run the Club station VK7SB in Hobart during the Contest and to this end, Rai VK7VV is looking for operators - 2 CW for one period and 2 SSB for the other. Full details are in the July copy of "A.R.". Please contact Rai on 002.727743.

The 30th. JoTA Weekend.

Mike VK7ZWW has been appointed Scout Association Co-ordinator and Branch Organiser for JoTA in Tasmania. He is keen to find out, from all over the State, who is available?, who is already booked?, and where will they be operating?

The 30th JoTA will be on the weekend of 17th and 18th October 1987. Starting time is 00.01 local on Saturday 17th and runs to 23.59 on 18th. An address will be given by the Governor-General at 13.00 hrs. Agreed world Scout frequencies are: 80m: 3.740MHz...40m: 7.090 MHz.. 20m: 14.290 MHz...15m: 21.360 MHz and 10m: 28.990 MHz. There is an additional frequency on 3.940 MHz.

VK4SAA is running a Scout News Net on the first and third Sundays of each month. Times and frequencies will be given on the broadcast as soon as possible.

WICEN.

The dates of the next Northern exercise for WICEN are Friday, Saturday and Sunday September 19th, 20th, and 21st 1987. Please note these dates in your diary NOW. Details will follow in the broadcasts. The contact callsigns are VK7JJ and VK7ZAR. We also make early mention of the WICEN involvement in the Melbourne/Hobart Yacht Race - there will be a meeting in early August - watch for the dates and times.

Third Party Traffic.

A summary of the contents of recent broadcasts for permanent reference. Details available from your Federal Representative Joe VK7JG.

- a) Only messages to be sent of importance in experiments or of a personal nature.
- b) NO transmissions to be sent that will i) enable a 3rd party to obtain pecuniary gain or reward. ii) relate to commercial or financial affairs of any person. iii) contact any country outside Australia whose Government objects to international amateur contacts. iv) allow a 3rd party to contact amateurs in that country unless special agreements have been made with the Commonwealth Government.

In our next edition we shall include details of 3rd. party traffic as contained in a new 3-leaflet series replacing the Amateur Operators' Handbook.